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PROVISIONAL SPECIFICATION.

A Revolving Fan Appliance for Dental Engines.

We, FRED WHIT GOULD, of Craven House, Northumberland Avenue, London, Dentist, and LAWRENCE READ, Chairman of the Dental Manufacturing Co., Ltd., of 6, Lexington Street, London, W., do hereby declare the nature of this invention to be as follows:—

5 This invention relates to a revolving fan appliance adapted to be fitted to the tool carrier or hand piece of a dental engine. The function of the fan is to create a draught of air for cooling impressions in the mouth and also for reviving patients in case of faintness.

10 According to our invention, the fan resembles an ordinary ventilating fan and consists of a series of spiral blades or vanes (preferably of aluminium for lightness) mounted on a short shaft or mandrel the latter being so constructed and arranged as to fit the tool carrier or hand piece of the dental engine. The boss or centre of the fan is provided or formed with a convenient clamp or holder for the reception of a small piece of sponge or other absorbent substance or material, which
15 being saturated with a suitable perfume or restorative will increase the revivifying effect of the revolving fan in cases of faintness.

Dated this 20th day of May 1898.

E. P. ALEXANDER & SON,
Chartered Patent Agents,

20 19, Southampton Buildings, Chancery Lane, London, W.C. Agents.

COMPLETE SPECIFICATION.

A Revolving Fan Appliance for Dental Engines.

25 We, FRED WHIT GOULD, of Craven House, Northumberland Avenue, London, Dentist, and LAWRENCE READ, Chairman of the Dental Manufacturing Co., Ltd., of 6, Lexington Street, London, W., do hereby declare the nature of this invention and in what manner the same is to be performed to be particularly described and ascertained in and by the following statement:—

30 This invention relates to a revolving fan appliance adapted to be fitted to the ordinary tool carrier or hand piece of a dental engine. The function of the fan is to create a draught of air for cooling impressions in the mouth, and also for reviving patients in case of faintness.

Our invention will be clearly understood by referring to the annexed sheet of

[Price 8d.]

Gould and Read's Revolving Fan Appliance for Dental Engines.

drawings in which Figure 1 is a side elevation and Figure 2 is a plan of a revolving fan appliance constructed in accordance with our invention.

It will be seen that the appliance resembles an ordinary ventilating fan and consists of a set of air propelling blades or vanes *a* (preferably of aluminium for lightness) mounted upon the extremity of a short shaft or mandrel *b* the latter being constructed so as to fit into the ordinary tool carrier or hand piece of a dental engine. *c* is a clamp or holder, here represented as consisting of inturned claws, which is attached to or formed on the boss or centre of the fan and is intended to receive and hold a small piece of sponge or other absorbent material *d* which being saturated with perfume or restorative will enhance the revivifying effect of the fan in case of faintness. This clamp or holder *c* may obviously be dispensed with without departing from our invention, but we prefer to combine the same with the fan for the reason given. 5 10

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed we declare that what we claim is:— 15

1. As a new article of manufacture, a revolving fan appliance for dental engines constructed and arranged substantially as described.

2. The combination with a revolving fan appliance for dental engines of a clamp or holder adapted to receive and retain a piece of sponge or absorbent material, substantially as described and for the purpose set forth. 20

Dated this 20th day of February 1899.

E. P. ALEXANDER & SON,
Chartered Patent Agents,
19, Southampton Buildings, Chancery Lane, London, W.C., Agents. 25

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Fig. 1.

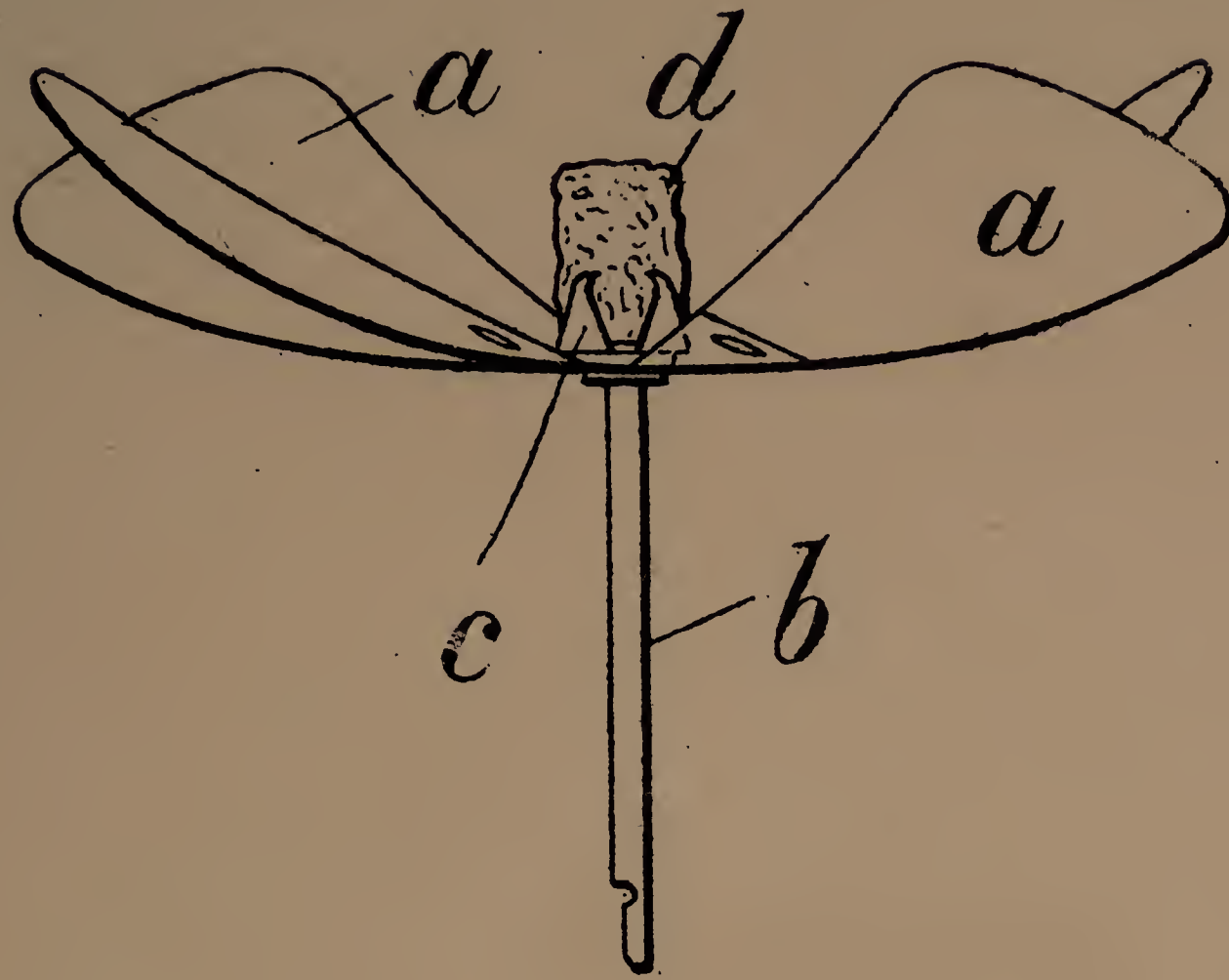
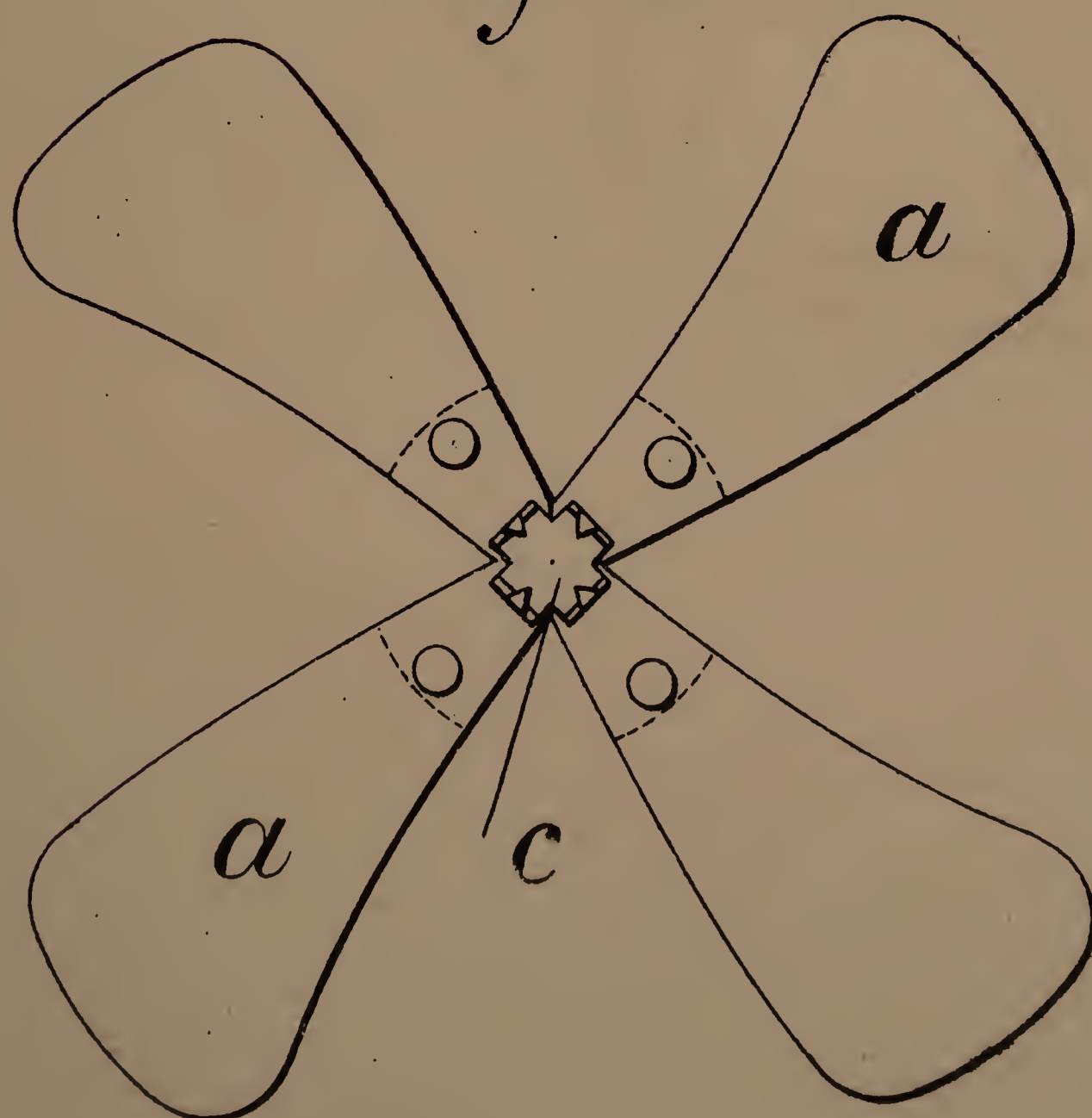


Fig. 2.



[This Drawing is a full-size reproduction of the Original.]

